

AMENDMENTS TO THE SPECIFICATION:

ABSTRACT

A control system for adjusting the heat output of at least one gas burner. The control system including at least one control organ in a gas main line feeding the gas burner for adjusting the gas throughput supplied to the gas burner nozzle. The control system further including at least one secondary line in parallel with the control organ with a shut-off organ for opening and closing the secondary line. The secondary line having a lower flow resistance than the flow resistance in the control organ line.